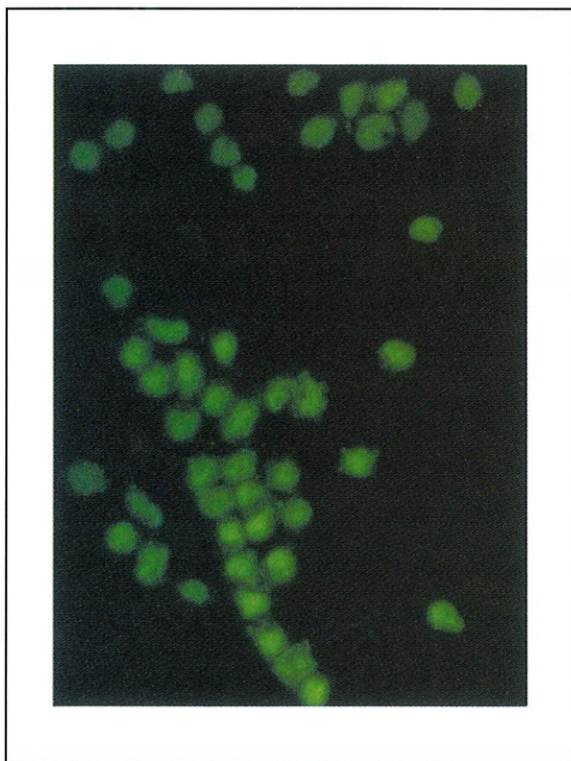


Anti-TdT Products

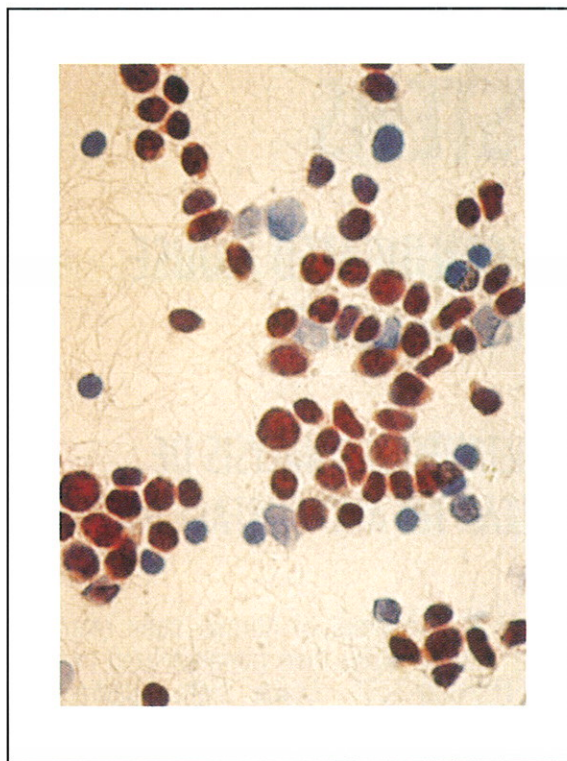


TdT Fluorescence

SUPERTECHS anti-TdT reagents provide quick and convenient detection of TdT positive cells on bone marrow, peripheral blood, cytospin preparations, tissue sections (paraffin/frozen) and in flow cytometry. SUPERTECHS TdT reagents are available in several forms, in order to give the user the most convenience and flexibility. All reagents are pre-selected to provide optimum sensitivity and reliability.

Product overview

Rabbit anti-TdT
Mouse anti-HTdT mix (HT-1, HT-2, HT-3)
Mouse anti-HTdT mix FITC
Mouse anti-HTdT-4 FITC (HT-4)
Mouse anti-HTdT-6 FITC (HT-6) (flow cytometry)
Mouse anti-HTdT-7 FITC (HT-7)



TdT Peroxidase

All SUPERTECHS monoclonal and polyclonal anti-TdT reagents can be purchased separately in an undiluted form. Carefully selected secondary antibodies are available. The concentrated primary and secondary reagents for immunofluorescence and immunoperoxidase are a cost saving alternative for high volume laboratories, or for laboratories with customized research needs.

BA 002 (0.1ml), BA 022 (1.0ml)
BA 501 (0.1ml), BA 551 (1.0ml)
BA 601 (0.1ml), BA 611 (0.5ml)
BA 641 (0.1ml), BA 651 (0.5ml)
BA 661 (0.1ml), BA 671 (0.5ml)
BA 681 (0.1ml), BA 691 (0.5ml)

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TdT DETECTION SYSTEMS

FITC-CONJUGATED MOUSE ANTI-HUMAN TdT FOR SIMULTANEOUS ANALYSIS OF NUCLEAR TdT AND SURFACE MARKERS.

Figure 1. Cytoqram of normal bone marrow cells stained with PE-CD5, then permeabilized and stained with FITC-anti-TdT*. Lower right quadrant shows nonspecific staining of granulocytes. CD5+ cells, upper left, do not stain for TdT.

Figure 2. Similarly stained bone marrow cytoqram of critically ill child with lymphadenopathy and no easily accessible lymph nodes for biopsy. Double staining indicates 10% of total mononuclear cells to be CD5+ and TdT+, demonstrating that the abnormal T-cell population may also be found in bone marrow.

Figure 3. Live gating of the CD5+ cells shows that 45% of the T-cells were TdT+ (Normally less than 0.04%).

* For procedure see S.D. Gore et al, J. Immunol. Methods, 132:275-286 (1990).

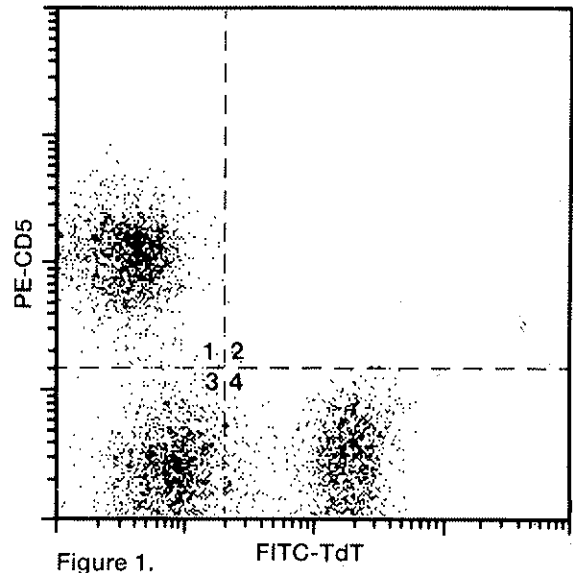


Figure 1.

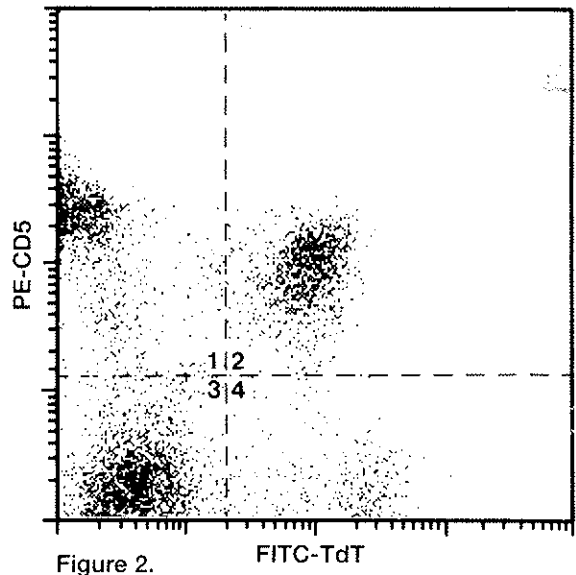


Figure 2.

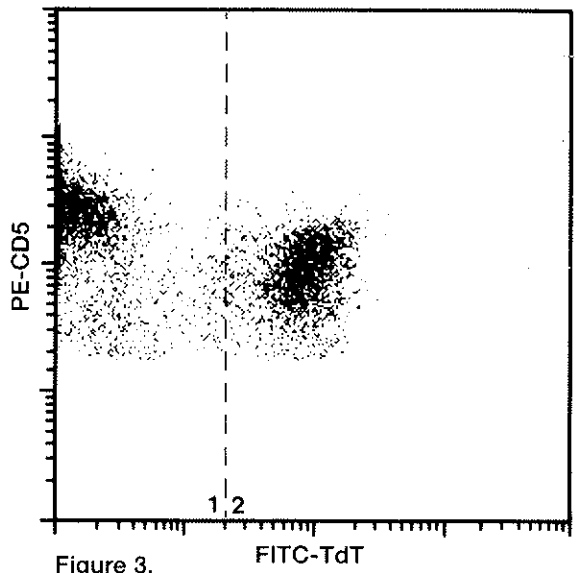


Figure 3.